

XLF150SL Extra Large Flat cup Single Lip, G1/2" female

Item number: XLF150SL.30.62UA



- Suitable for handling large and heavy sheets, such as glass and metal, with a flat or slightly concave surface.
- Friction pattern increases safety and capability to handle tilted or standing glass/metal sheets.
- Single lip design to maximize lifting performance.
- Durable and abrasive resistant material reduces the risk for marks.
- Flat mounting plate facilitates customized mounting interfaces.
- Auxiliary port, suitable for vacuum sensing or efficient blow-off/release.

Technical data

Description	Unit	Value
Suction cup shape	-	Flat
Suction cup design	-	Round
Characteristics (for filtering)	-	Mark free
Material	-	Nitrile-PVC (NPV)
Weight, min.	oz	12.42
Suction cup model	-	XLF
Volume	in ³	9.031
Height	in	1.063
Outer diameter, min.	in	6.063
Outer diameter, actuated	in	6.26
Fitting size	-	1/2"
Fitting option	-	None
Fitting style	-	Female
Fitting type	-	G-thread
Fitting material	-	Al
Suction cup model	-	XLF150SL
Movement, vertical max.	in	0.35
Curve radius, min.	in	19.68

Performance - Lifting forces

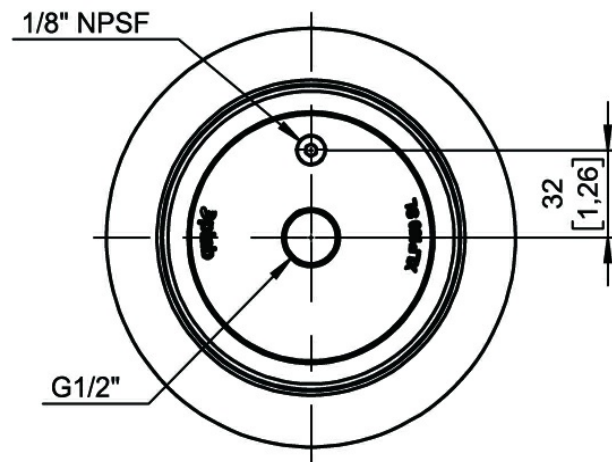
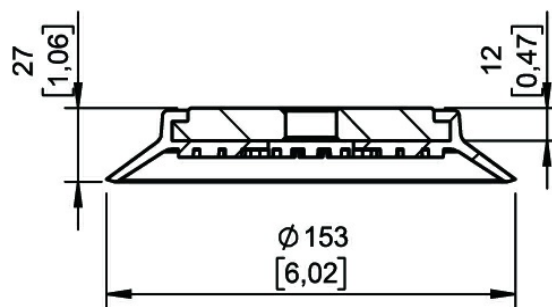
XLF150SL	Vertical (lb)	Parallel (lb)
5.91 -inHg	74.86	126.57
17.72 -inHg	198.51	229.31
26.58 -inHg	284.38	275.39

Material	
Name	Nitrile-PVC (NPV)
Color	Black
Temperature, min. °F	32
Temperature max. °F	194
Hardness °Shore A	60

Material resistance

Alcohol	Good
Concentrated acids	Fair
Ethanol	Not applicable
Hydrolysis	Good
Methanol	Not applicable
Oil	Excellent
Oxidation	Good
Gasoline	Excellent
Wear resistance	Excellent
Weather and ozone	Good

Dimensional drawings



Values specified in this data sheet are tested at (unless otherwise stated):

- Room temperature (20°C [68°F] ± 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).
- Relative humidity 20-70%.
- Compressed air quality, DIN ISO 8573-1 class 4.